Welcome to STN International! Enter x:x

LOGINID:SSPTAKAB1626

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

NEWS	1			Web Page for STN Seminar Schedule - N. America
NEWS	2	AUG	10	Time limit for inactive STN sessions doubles to 40
				minutes
NEWS	3	AUG	18	COMPENDEX indexing changed for the Corporate Source
				(CS) field
NEWS	4	AUG	24	ENCOMPLIT/ENCOMPLIT2 reloaded and enhanced
NEWS	5	AUG	2.4	CA/CAplus enhanced with legal status information for
				U.S. patents
NEWS	6	SEP	0.9	50 Millionth Unique Chemical Substance Recorded in
		~==		CAS REGISTRY
NEWS	7	SEP	11	WPIDS, WPINDEX, and WPIX now include Japanese FTERM
		~==		thesaurus
NEWS	8	OCT	21	Derwent World Patents Index Coverage of Indian and
112110		001		Taiwanese Content Expanded
NEWS	9	OCT	21	Derwent World Patents Index enhanced with human
MEND	,	001	21	translated claims for Chinese Applications and
				Utility Models
NEWS	1.0	NOV	23	Addition of SCAN format to selected STN databases
NEWS		NOV		Annual Reload of IFI Databases
NEWS		DEC		FRFULL Content and Search Enhancements
NEWS		DEC		DGENE, USGENE, and PCTGEN: new percent identity
MEMO	13	DEC	0.1	feature for sorting BLAST answer sets
NEWS	1.4	DEC	0.2	Derwent World Patent Index: Japanese FI-TERM
HEND	11	DEC	02	thesaurus added
NEWS	15	DEC	0.2	PCTGEN enhanced with patent family and legal status
112110		220	0.2	display data from INPADOCDB
NEWS	16	DEC	0.2	USGENE: Enhanced coverage of bibliographic and
112110		220	0.2	sequence information
NEWS	17	DEC	21	New Indicator Identifies Multiple Basic Patent
	-			Records Containing Equivalent Chemical Indexing
				in CA/CAplus
NEWS	1.8	JAN	12	Match STN Content and Features to Your Information
				Needs, Quickly and Conveniently
NEWS	19	JAN	25	Annual Reload of MEDLINE database
NEWS		FEB		STN Express Maintenance Release, Version 8.4.2, Is
				Now Available for Download
NEWS	21	FEB	16	Derwent World Patents Index (DWPI) Revises Indexing
				of Author Abstracts
NEWS	22	FEB	16	New FASTA Display Formats Added to USGENE and PCTGEN
NEWS		FEB		INPADOCDB and INPAFAMDB Enriched with New Content
			_ 0	and Features
NEWS	24	FEB	16	INSPEC Adding Its Own IPC codes and Author's E-mail
				Addresses

NEWS EXPRESS FEBRUARY 15 10 CURRENT WINDOWS VERSION IS V8.4.2, AND CURRENT DISCOVER FILE IS DATED 15 JANUARY 2010.

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN customer agreement. This agreement limits use to scientific research. Use for software development or design, implementation of commercial gateways, or use of CAS and STN data in the building of commercial products is prohibited and may result in loss of user privileges and other penalties.

FILE 'HOME' ENTERED AT 13:18:35 ON 25 FEB 2010

=> file reg COST IN U.S. DOLLARS FULL ESTIMATED COST

SINCE FILE TOTAL ENTRY SESSION 0.22 0.22

FILE 'REGISTRY' ENTERED AT 13:18:53 ON 25 FEB 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2010 American Chemical Society (ACS)

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 24 FEB 2010 HIGHEST RN 1207319-45-6 DICTIONARY FILE UPDATES: 24 FEB 2010 HIGHEST RN 1207319-45-6

New CAS Information Use Policies, enter HELP USAGETERMS for details.

TSCA INFORMATION NOW CURRENT THROUGH June 26, 2009.

Please note that search-term pricing does apply when conducting SmartSELECT searches.

REGISTRY includes numerically searchable data for experimental and predicted properties as well as tags indicating availability of experimental property data in the original document. For information on property searching in REGISTRY, refer to:

http://www.cas.org/support/stngen/stndoc/properties.html

=>

Uploading C:\Program Files\STNEXP\Queries\10589981 Feb 10 proviso II.str





```
12 20 22
ring nodes :
1 2 3 4 5 6 7 8 9 10 13 14 15 16 17 18
chain bonds :
7-12 12-14 13-20 15-22
ring bonds :
1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 8-9 9-10 13-14 13-18 14-15 15-16
16-17 17-18
exact/norm bonds :
7-12 12-14 15-22
exact bonds :
13-20
normalized bonds :
1-2 1-6 2-3 2-7 3-4 3-10 4-5 5-6 7-8 8-9 9-10 13-14 13-18 14-15 15-16
16-17 17-18
isolated ring systems :
```

G1:0,S

G2:Cv,Ak

Match level :

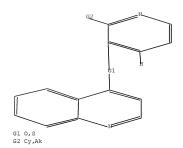
containing 1 : 13 :

chain nodes :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:Atom 8:Atom 9:Atom 10:Atom 12:CLASS 13:Atom 14:Atom 15:Atom 16:Atom 17:Atom 18:Atom 20:CLASS 22:CLASS

L1 STRUCTURE UPLOADED

=> d L1 L1 HAS NO ANSWERS L1 STR



Structure attributes must be viewed using STN Express query preparation.

=> s L1 SSS SAM

SAMPLE SEARCH INITIATED 13:19:30 FILE 'REGISTRY'
SAMPLE SCREEN SEARCH COMPLETED - 132 TO ITERATE

100.0% PROCESSED 132 ITERATIONS SEARCH TIME: 00.00.01 14 ANSWERS

FULL FILE PROJECTIONS: ONLINE **COMPLETE**
BATCH **COMPLETE**
PROJECTED ITERATIONS: 1951 TO 3329

L2 14 SEA SSS SAM L1

=> s L1 SSS full

PROJECTED ANSWERS:

THE ESTIMATED SEARCH COST FOR FILE 'REGISTRY' IS 191.05 U.S. DOLLARS DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

56 TO

504

FULL SEARCH INITIATED 13:19:47 FILE 'REGISTRY'

FULL SCREEN SEARCH COMPLETED - 2433 TO ITERATE

100.0% PROCESSED 2433 ITERATIONS SEARCH TIME: 00.00.01

253 ANSWERS

L3 253 SEA SSS FUL L1

=> file caplus

 COST IN U.S. DOLLARS
 SINCE FILE
 TOTAL

 FULL ESTIMATED COST
 192.03
 192.25

FILE 'CAPLUS' ENTERED AT 13:19:52 ON 25 FEB 2010
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2010 AMERICAN CHEMICAL SOCIETY (ACS)

Copyright of the articles to which records in this database refer is held by the publishers listed in the PUBLISHER (PB) field (available for records published or updated in Chemical Abstracts after December 26, 1996), unless otherwise indicated in the original publications. The CA Lexicon is the copyrighted intellectual property of the American Chemical Society and is provided to assist you in searching databases on STN. Any dissemination, distribution, copying, or storing of this information, without the prior written consent of CAS, is strictly prohibited.

FILE COVERS 1907 - 25 Feb 2010 VOL 152 ISS 9
FILE LAST UPDATED: 24 Feb 2010 (20100224/ED)
REVISED CLASS FIELDS (/NCL) LAST RELOADED: Dec 2009
USPIO MANUAL OF CLASSIFICATIONS THESAURUS ISSUE DATE: Dec 2009

CAplus now includes complete International Patent Classification (IPC) reclassification data for the third quarter of 2009.

CAS Information Use Policies apply and are available at:

http://www.cas.org/legal/infopolicy.html

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s L3 SSS full L4 3 L3

=> d ibib abs hitstr 1-

YOU HAVE REQUESTED DATA FROM 3 ANSWERS - CONTINUE? Y/(N):y

L4 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NOMBER: 2005:962244 CAPLUS <u>Full-text</u> DOCUMENT NUMBER: 143:266946

DOCUMENT NUMBER: 143:266946 TITLE: Preparation

TITLE: Preparation of pyridines and related compounds as TGF-β inhibitors

INVENTOR(S): Shimizu, Kiyoshi; Shimizu, Toshiyuki; Kawakami,

Kazuki; Nakoji, Masayoshi; Sakai, Teruyuki

PATENT ASSIGNEE(S): Kirin Beer Kabushiki Kaisha, Japan

SOURCE: PCT Int. Appl., 461 pp.
CODEN: PIXXD2

DOCUMENT TYPE: Patent
LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1 PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE

WO 2005080377 A1 20050901 WO 2005-JP2610 20050218

W: AE, AG, AL, AM, AT, AC, AZ, BA, BB, BG, BR, BM, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MM, MX, ZN, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TM, TR, TT, TZ, UA, UG, US, UZ, VC, VM, TV, ZA, ZM, ZM, RN; BW, GH, GM, KE, LS, MK, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZM, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, SS, FI, FR, GB, GR, HU, IE, IS, IT, LT, LD, MC, NLP, PT, FR

RO, SE, SI, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG

724268 A1 20061122 EP 2005-719280

20050218

R: AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, II, LI, LT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR PRIORITY APPLN. INFO:: JP 2004-45383 A 20040220

WO 2005-JP2610 W 20050218

OTHER SOURCE(S): MARPAT 143:266946

GI

* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

AB Title compds. I [A = II; Z = O, etc.; Dl, D2, D3, D4, X, E, G, J, L, M = C, N; further details on Dl, D2, D3, D4, X, E, G, J, L, M are given.; Rl-R6, RlO-Rl4 = H, halo, etc.] were prepared For example, reaction of 4-chloro-6,7-dimethoxyquinazoline with 5,6-dimethyl-[2,2'-bipyridin]-3-ol, e.g., prepared from 2,3-dimethylfuran in 2 steps, afforded compound III in 81% yield. In TGF-β signal inhibition assays (in vitro), compound III exhibited the inhibitory activity of 80% at 1 µM. Compds. I are claimed useful for the treatment of arthritis, ulcer, etc.

II 963783-61-3F 863783-73-7P 863784-69-4P 863784-70-7P 863784-71-8P 863784-72-9P 863785-73-7P 863785-72-P 863785-13-1P 863785-19-7P 863785-19-7P

863785-20-0P

RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); RACT (Reactant or reagent); USES (Uses)

(preparation of pyridines and related compds. as $TGF-\beta$ inhibitors for treatment of arthritis, ulcer, etc.)

RN 863783-61-3 CAPLUS

CN Quinoline, 6-bromo-4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863783-73-7 CAPLUS

CN Quinoline, 7-bromo-4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

- RN 863784-69-4 CAPLUS
- CN Quinoline, 6-bromo-4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-methoxy-(CA INDEX NAME)

- RN 863784-70-7 CAPLUS
- CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-(phenylmethoxy)-(CA INDEX NAME)

- RN 863784-71-8 CAPLUS
- CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-(phenylmethoxy)-(CA INDEX NAME)

RN 863784-72-9 CAPLUS

CN Quinoline, 4-[(5,6-dimethy1[2,2'-bipyridin]-3-y1)oxy]-7-methoxy-6-(phenylmethoxy)- (CA INDEX NAME)

RN 863784-73-0 CAPLUS

CN 6-Quinolinol, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863784-74-1 CAPLUS

CN 7-Quinolinol, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863784-75-2 CAPLUS

CN 6-Quinolinol, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-methoxy- (CA INDEX NAME)

RN 863785-13-1 CAPLUS

CN 6-Quinolinol, 4-[(6-ethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863785-18-6 CAPLUS

CN Quinoline, 4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-(phenylmethoxy)- (CA INDEX NAME)

- RN 863785-19-7 CAPLUS
- CN 6-Quinolinol, 4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

- RN 863785-20-0 CAPLUS
- CN Ethanol, 2-[[4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6quinolinyl]oxy]- (CA INDEX NAME)

- IT 963785-24-4
 - RL: PAC (Pharmacological activity); RCT (Reactant); THU (Therapeutic use); BIOL (Biological study); RACT (Reactant or reagent); USES (Uses) (preparation of pyridines and related compds. as TGF-\(\beta\) inhibitors for
- treatment of arthritis, ulcer, etc.)
- RN 863785-24-4 CAPLUS
- CN 6-Quinolino1, 4-[[6-methy1-2-(2-pyrimidiny1)-3-pyridiny1]oxy]- (CA INDEX NAME)



```
666731-29-9P
             666731-39-1P
                            666731-72-3P
666731-76-6P 666731-77-7P 863783-60-2P
863783-62-4P
             863783-63-5P
                            363783-64-6P
863783-65-7P
             863783-66-8P
                            363783-67-9P
             863783-69-1P
863783-68-0P
                            863783-70-4P
863783-71-5P 863783-72-6P
                            863783-74-8P
863783-75-9P 863783-76-0P
                            863783-77-1P
863783-78-2P 863783-79-3P
                            863733-80-6P
863783-81-7P
            863783-95-3P
                            863783-99-7P
863784-00-3P
             863784-01-4P
                            863784-02-5P
863784-04-7P
              363784-05-8P
                            863784-47-8P
863784-48-9P
             363784-49-0P
                            863784-50-3P
863784-51-4P
             363784-52-5P
                            863784-53-6P
863784-54-7P 863784-56-9P
                            363784-58-1P
863784-60-5P 863784-61-6P 863784-65-0P
863784-66-1P 863784-67-2P
                            863784-76-3P
863784-77-49
             863784-78-5P
                            863784-79-6P
863784-80-9P
             863784-83-2P
                            863784-84-3P
863784-85-4P
             863784-86-5P
                            863734-87-6P
863784-86-7P
             863784-91-2P
                            863784-92-3P
863784-93-4P 863784-94-5P
                            863784-95-6P
863784-96-7P
             363784-97-8P
                           863784-98-9P
863784-99-0P
             863785-00-6P
                           863785-01-7P
863785-02-8P
             863785-03-9P
                            363785-04-0P
863765-05-1P
             863785-06-2P
                            863785-10-8P
863785-23-3P
             863785-25-5P
                            863785-28-8P
863785-29-9P
             863785-32-4P
                            863786-63-4P
RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU
(Therapeutic use); BIOL (Biological study); PREP (Preparation); USES
(Uses)
```

(preparation of pyridines and related compds. as TGF- β inhibitors for treatment of arthritis, ulcer, etc.)

RN 666731-29-9 CAPLUS

CN 2-Pyridinecarbonitrile, 3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl- (CA INDEX NAME)

RN 666731-39-1 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[(6-methyl-2-phenyl-3-pyridinyl)oxy]- (CA INDEX NAME)

RN 666731-72-2 CAPLUS

CN Quinoline, 4-[[2-(1,5-dimethyl-1H-pyrazol-3-y1)-6-methyl-3-pyridinyl]oxy]6,7-dimethoxy- (CA INDEX NAME)

RN 666731-76-6 CAPLUS

CN Quinoline, 4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]6,7-dimethoxy- (CA INDEX NAME)

RN 666731-77-7 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[(6-methyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863783-60-2 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863783-62-4 CAPLUS

RN 863783-63-5 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy- (CA INDEX NAME)

RN 863783-64-6 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-phenyl- (CA INDEX NAME)

RN 863783-65-7 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-(3-pyridinyl)(CA INDEX NAME)

RN 863783-66-8 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-(4-pyridinyl)-(CA INDEX NAME)

RN 863783-67-9 CAPLUS

CN Quinoline, 4-[(5,6-dimethy1[2,2'-bipyridin]-3-y1)oxy]-6-(4-methylpheny1)-(CA INDEX NAME)

RN 863783-68-0 CAPLUS

CN Benzenamine, 2-[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-quinolinyl]-(CA INDEX NAME)

RN 863783-69-1 CAPLUS

CN Benzenamine, 3-[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-quinolinyl] (CA INDEX NAME)

RN 863783-70-4 CAPLUS

CN Phenol, 3-[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-quinolinyl]- (CA INDEX NAME)

RN 863783-71-5 CAPLUS

CN Phenol, 4-[4-[5,6-dimethy1[2,2'-bipyridin]-3-y1)oxy]-6-quinoliny1]- (CA INDEX NAME)

RN 863783-72-6 CAPLUS

CN Quinoline, 7-chloro-4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863783-74-8 CAPLUS

RN 863783-75-9 CAPLUS

CN Quinoline, 4-[(5,6-dimethy1[2,2'-bipyridin]-3-y1)oxy]-7-methoxy- (CA INDEX NAME)

RN 863783-76-0 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-phenyl- (CA INDEX NAME)

RN 863783-77-1 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-(3-pyridinyl)(CA INDEX NAME)

RN 863783-78-2 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-(4-pyridinyl)(CA INDEX NAME)

RN 863783-79-3 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-(4-methylphenyl)-(CA INDEX NAME)

RN 863783-80-6 CAPLUS

CN Benzenamine, 3-[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-quinolinyl] (CA INDEX NAME)

RN 863783-81-7 CAPLUS

CN 6-Quinolinecarboxamide, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-methoxy- (CA INDEX NAME)

- RN 863783-95-3 CAPLUS
- CN Quinoline, 4-[(6-ethyl[2,2'-bipyridin]-3-yl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

- RN 863783-99-7 CAPLUS
- CN Quinoline, 4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

- RN 863784-00-3 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[(2',5,6-trimethy1[2,3'-bipyridin]-3-y1)oxy](CA INDEX NAME)

RN 863784-01-4 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[(5'-methoxy-5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863784-02-5 CAPLUS

CN Quinoline, 4-[(6-ethyl[2,3'-bipyridin]-3-yl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 863784-04-7 CAPLUS

CN Quinoline, 4-[[5,6-dimethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

RN 863784-05-8 CAPLUS

CN Quinoline, 4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 863784-47-8 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-fluoro- (CA INDEX NAME)

RN 863784-48-9 CAPLUS

CN Quinoline, 4-[(5,6-dimethy1[2,2'-bipyridin]-3-y1)oxy]-7-fluoro-6-methoxy-(CA INDEX NAME)

RN 863784-49-0 CAPLUS

CN Quinoline, 7-chloro-4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-(CA INDEX NAME)

RN 863784-50-3 CAPLUS

CN Phenol, 3-[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-quinolinyl]- (CA INDEX NAME)

RN 863784-51-4 CAPLUS

CN Phenol, 4-[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-quinolinyl]- (CA INDEX NAME)

RN 863784-52-5 CAPLUS

CN Benzenamine, 2-[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-quinolinyl] (CA INDEX NAME)

RN 863784-53-6 CAPLUS

CN Quinoline, 4-[(5,6-dimethy1[2,2'-bipyridin]-3-y1)oxy]-6-fluoro-7-methoxy-(CA INDEX NAME)

RN 863784-54-7 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6,8-difluoro (CA INDEX NAME)

RN 863784-56-9 CAPLUS

CN Quinoline, 4-[(6-fluoro[2,2'-bipyridin]-3-y1)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 863784-58-1 CAPLUS

CN Quinoline, 4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

RN 863784-60-5 CAPLUS

CN Quinoline, 4-[(5,6-dimethy1[2,2'-bipyridin]-3-y1)oxy]-6-methoxy-7-methy1-(CA INDEX NAME)

RN 863784-61-6 CAPLUS

CN Quinoline, 4-[(5,0-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-methoxy-6-(1-methylethoxy)- (CA INDEX NAME)

RN 863784-65-0 CAPLUS

CN 7-Quinolinecarboxamide, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863784-66-1 CAPLUS

CN Quinoline, 5,6-dichloro-4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863784-67-2 CAPLUS

CN Quinoline, 6,7-dichloro-4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 863784-76-3 CAPLUS

RN 863784-77-4 CAPLUS

- RN 863784-78-5 CAPLUS
- CN Ethanol, 2-[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-methoxy-6-quinolinyl)oxy]- (CA INDEX NAME)

- RN 863784-79-6 CAPLUS
- CN 7-Quinolinecarboxamide, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6methoxy- (CA INDEX NAME)

- RN 863784-80-9 CAPLUS
- CN 6-Quinolinecarboxamide, 7-chloro-4-[(5,6-dimethy1[2,2'-bipyridin]-3yl)oxy]- (CA INDEX NAME)

- RN 863784-83-2 CAPLUS
- CN Ethanol, 2-[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-methoxy-6-quinolinyl]amino]- (CA INDEX NAME)

- RN 863784-84-3 CAPLUS
- CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-methoxy-6-(3pyridinyl)- (CA INDEX NAME)

- RN 863784-85-4 CAPLUS
- CN Quinoline, 6-chloro-4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

- RN 863784-86-5 CAPLUS
- CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methyl- (CA INDEX NAME)

- RN 863784-87-6 CAPLUS
- CN Quinoline, 4-[[5,6-dimethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-fluoro-7-methoxy- (CA INDEX NAME)

- RN 863784-88-7 CAPLUS
- CN Quinoline, 4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-fluoro-7-methoxy- (CA INDEX NAME)

RN 863784-91-2 CAPLUS

CN Quinoline, 4-[(6-ethyl[2,2'-bipyridin]-3-yl)oxy]-6-fluoro-7-methoxy- (CA INDEX NAME)

RN 863784-92-3 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-(3-thienyl)- (CA INDEX NAME)

RN 863784-93-4 CAPLUS

- RN 863784-94-5 CAPLUS
- CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-(5-methyl-2-thienyl)- (CA INDEX NAME)

- RN 863784-95-6 CAPLUS

- RN 863784-96-7 CAPLUS
- CN 1H-Pyrrole-1-carboxylic acid, 2-[4-[(5,6-dimethyl[2,2'-bipyridin]-3yl)oxy]-6-quinolinyl]-, 1,1-dimethylethyl ester (CA INDEX NAME)

RN 863784-97-8 CAPLUS

RN 863784-98-9 CAPLUS

RN 863784-99-0 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6,7-dimethyl- (CA INDEX NAME)

RN 863785-00-6 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-(3-thienyl)- (CA INDEX NAME)

RN 863785-01-7 CAPLUS

RN 863785-02-8 CAPLUS

RN 863785-03-9 CAPLUS

CN Quinoline, 4-((5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-(2-pyridinyl)-(CA INDEX NAME)

RN 863785-04-0 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-(2-pyrimidinyl)-(CA INDEX NAME)

RN 863785-05-1 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-(2-pyridinyl)(CA INDEX NAME)

RN 863785-06-2 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-7-(2-pyrimidinyl)-(CA INDEX NAME)

RN 863785-10-8 CAPLUS

CN Ethanol, 2-[[4-[(6-ethyl[2,2'-bipyridin]-3-yl)oxy]-6-quinolinyl]oxy]- (CA INDEX NAME)

RN 863785-23-3 CAPLUS

CN Ethanol, 2-[[4-[[5,6-dimethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6quinolinyl]oxy]- (CA INDEX NAME)

- RN 863785-25-5 CAPLUS
- CN Ethanol, 2-[[4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6quinolinyl]oxy]- (CA INDEX NAME)

- RN 863785-28-8 CAPLUS

- RN 863785-29-9 CAPLUS
- CN Ethanol, 2-[[4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6quinolinyl]oxy]-, 1-acetate (CA INDEX NAME)

- RN 863785-32-4 CAPLUS
- CN Quinoline, 4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-[2-(4-morpholinyl)ethoxy]- (CA INDEX NAME)

- RN 863786-63-4 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-(CA INDEX NAME)

ΙT 666730-33-2 666731-18-6 666731-15-5 666731-28-8 666731-30-2 666731-31-3 666731-33-5 666731-34-6 666731-35-7 666731-36-8 666731-37-9 666731-40-4 666731-42-6 666731-41-5 666731-43-7 666731-44-8 666731-45-9 666731-46-0 666731-47-1 666731-48-2 666731-49-3 666731-50-6 666731-51-7 666731-52-3 666731-53-9 666731-54-0 666731-55-1

```
666731-56-2
             666731-57-3
                         566731-58-4
666731-59-5
            666731-60-8
                         666731-61-9
566731-62-0
                         666731-64-2
            666731-63-1
666731-65-3
            666731-66-4
                          666731-67-5
555731-68-6
                          666731-70-0
            666731-69-7
666731-71-1
             666731-73-3
                          666731-74-4
666731-75-5
             666731-78-8
                          666731-79-9
666731-80-2
            666731-81-3
                         666731-82-4
666731-83-5
             666731-84-6
                         666731-85-7
666731-86-8
            666731-87-9
                         666731-88-0
            666731-90-4
666731-39-1
                         666732-72-5
666732-73-6
            666732-77-0
                          666732-78-1
666732-80-5
            666732-82-7
                          666732-84-9
666732-86-1
            666732-88-3
                          666732-90-7
666732-92-9
            666732-94-1
                         666732-96-3
666732-98-5
            666733-00-2
                          666733-02-4
666733-04-6
            666733-06-8
                         666733-08-0
666733-10-4
            666733-12-6
                          666733-14-8
666733-97-7
             666733-98-8
                          666733-99-9
666734-00-5
             666734-01-6
                          666734-02-7
666734-05-0
            666734-09-4
                          666734-10-7
666734-11-8
            666734-12-9
                         666734-13-0
666734-14-1
            666734-15-2
                         666734-16-3
666734-17-4 666734-19-6
                          666734-20-9
666734-21-0
                          666734-24-3
            666734-22-1
666734-25-4
            666734-26-5
                          666734-27-6
666734-28-7
            666734-29-8
                          666734-30-1
666734-31-2
            666734-32-3
                          666734-33-4
666734-35-6
            666734-36-7
                          863785-08-4
863785-11-9
            863785-12-0
                         863785-14-2
863785-15-3
            863785-16-4
                          863785-17-5
863785-21-1
            863785-22-2
                          863785-26-6
863785-27-7
             863785-30-2
                          863785-31-3
863785-33-5
             863785-34-6
                          863785-35-7
863785-36-8
            863785-37-9
                          863785-38-0
863785-39-1
            863785-40-4
                          863785-41-5
863785-42-6 863785-43-7 863785-44-8
863785-45-9
            863785-46-0 863785-47-1
863785-55-1
             863785-57-3
                          863786-64-5
```

RL: PAC (Pharmacological activity); THU (Therapeutic use); BIOL (Biological study); USES (Uses)

(preparation of pyridines and related compds. as TGF- β inhibitors for treatment of arthritis, ulcer, etc.) 666730-33-2 CAPLOS

RN 666730-33-2 CAPLUS
CN Ethanone, 1-[3-[(6,7-dimethoxy-4-quinolinyl)oxy]-6-methyl-2-pyridinyl](CA INDEX NAME)

- RN 666731-18-6 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[(2-methyl-3-pyridinyl)oxy]- (CA INDEX NAME)

- RN 666731-25-5 CAPLUS
- CN Quinoline, 4-[(2,6-dimethyl-3-pyridinyl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

- RN 666731-28-8 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-[2-(trimethylsilyl)ethynyl]-3pyridinyl]oxy]- (CA INDEX NAME)

- RN 666731-30-2 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(phenylmethyl)-3-pyridinyl]oxy]-(CA INDEX NAME)

- RN 666731-31-3 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-[(6-methyl-2-pyridinyl)methyl]-3-pyridinyl]oxy]- (CA INDEX NAME)

- RN 666731-33-5 CAPLUS
- CN 2-Pyridinemethanol, 3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl- α -phenyl- (CA INDEX NAME)

- RN 666731-34-6 CAPLUS
- CN 2-Pyridinemethanol, 3-[(6,7-dimethoxy-4-quinolinyl)oxy]-6-methyl- α -phenyl-, 2-acetate (CA INDEX NAME)

RN 666731-35-7 CAPLUS

CN 2-Pyridinemethanol, 3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1- α -(6-methy1-2-pyridiny1)-, acetate (ester) (9CI) (CA INDEX NAME)

RN 666731-36-8 CAPLUS

CN Methanone, [3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2pyridiny1]pheny1- (CA INDEX NAME)

RN 666731-37-9 CAPLUS

CN Methanone, [3-[(6,7-dimethoxy-4-quinolinyl)oxy]-6-methyl-2-pyridinyl](6methyl-2-pyridinyl)- (CA INDEX NAME)

RN 666731-40-4 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(2-methylphenyl)-3-pyridinyl]oxy]-(CA INDEX NAME)

RN 666731-41-5 CAPLUS

CN Ethanone, 1-[2-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2pyridinyl]phenyl]- (CA INDEX NAME)

RN 666731-42-6 CAPLUS

CN Phenol, 2-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2-pyridinyl]- (CA INDEX NAME)

RN 666731-43-7 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[2-(2-methoxyphenyl)-6-methyl-3-pyridinyl]oxy]-(CA INDEX NAME)

RN 666731-44-8 CAPLUS

CN Quinoline, 4-[[2-(2-chloropheny1)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-45-9 CAPLUS

- RN 666731-46-0 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-[3-(trifluoromethyl)phenyl]-3-pyridinyl]oxy]- (CA INDEX NAME)

- RN 666731-47-1 CAPLUS
- CN Benzenemethanol, 3-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2-pyridinyl]- (CA INDEX NAME)

- RN 666731-48-2 CAPLUS
- CN Ethanone, 1-[3-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2pyridiny1]pheny1]- (CA INDEX NAME)

RN 666731-49-3 CAPLUS

CN Benzamide, 3-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2-pyridiny1]-(CA INDEX NAME)

RN 666731-50-6 CAPLUS

RN 666731-51-7 CAPLUS

RN 666731-52-8 CAPLUS

CN Acetamide, N-[3-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2pyridinyl]phenyl]- (CA INDEX NAME)

RN 666731-53-9 CAPLUS

CN Phenol, 3-[3-[(6,7-dimethoxy-4-quinolinyl)oxy]-6-methyl-2-pyridinyl]- (CA INDEX NAME)

RN 666731-54-0 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[2-(3-methoxyphenyl)-6-methyl-3-pyridinyl]oxy]-(CA INDEX NAME)

RN 666731-55-1 CAPLUS

CN Quinoline, 4-[[2-(3-ethoxypheny1)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-56-2 CAPLUS

CN Quinoline, 4-[[2-(3-fluoropheny1)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-57-3 CAPLUS

CN Quinoline, 4-[[2-(3-chloropheny1)-6-methyl-3-pyridiny1]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-58-4 CAPLUS

RN 666731-59-5 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-[4-(1-methylethyl)phenyl]-3pyridinyl]oxy]- (CA INDEX NAME)

RN 666731-60-8 CAPLUS

CN Quinoline, 4-[[2-(4-butylphenyl)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy-(CA INDEX NAME)

- RN 666731-61-9 CAPLUS
- CN Benzenemethanol, 4-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2pyridiny1]- (CA INDEX NAME)

- RN 666731-62-0 CAPLUS
- CN Ethanone, 1-[4-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2pyridiny1]pheny1]- (CA INDEX NAME)

- RN 666731-63-1 CAPLUS
- CN Benzenamine, 4-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2-pyridiny1]-N,N-dimethy1- (CA INDEX NAME)

RN 666731-64-2 CAPLUS

CN Phenol, 4-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 666731-65-3 CAPLUS

RN 666731-66-4 CAPLUS

RN 666731-67-5 CAPLUS

CN Quinoline, 4-[[2-(4-fluorophenyl)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-68-6 CAPLUS

CN Quinoline, 4-[[2-(4-chloropheny1)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-69-7 CAPLUS

CN Quinoline, 4-[[2-(2,6-dichloropheny1)-6-methy1-3-pyridiny1]oxy]-6,7dimethoxy- (CA INDEX NAME)

RN 666731-70-0 CAPLUS

CN Quinoline, 4-[[2-(3,5-difluorophenyl)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666731-71-1 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(3-thienyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

RN 666731-73-3 CAPLUS

CN Quinoline, 4-[[2-(1,3-dimethyl-1H-pyrazol-5-yl)-6-methyl-3-pyridinyl]oxy]6,7-dimethoxy- (CA INDEX NAME)

RN 666731-74-4 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(3-methyl-5-isoxazolyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

RN 666731-75-5 CAPLUS

RN 666731-78-8 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[(6-methyl[2,3'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666731-79-9 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[(6-methyl[2,4'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666731-80-2 CAPLUS

CN Quinoline, 4-[(6,6'-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666731-81-3 CAPLUS

RN 666731-82-4 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[6-(methylthio)[2,2'-bipyridin]-3-yl]oxy]-(CA INDEX NAME)

RN 666731-83-5 CAPLUS

RN 666731-84-6 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666731-85-7 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666731-86-8 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666731-87-9 CAPLUS

- RN 666731-88-0 CAPLUS

- RN 666731-89-1 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[(4',5,6-trimethyl[2,2'-bipyridin]-3-yl)oxy](CA INDEX NAME)

- RN 666731-90-4 CAPLUS
- CN Quinoline, 4-[[5,6-dimethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6,7dimethoxy- (CA INDEX NAME)

RN 666732-72-5 CAPLUS

CN Quinoline, 6-methoxy-4-[[6-methyl-2-(2-thiazolyl)-3-pyridinyl]oxy]-7(phenylmethoxy)- (CA INDEX NAME)

RN 666732-73-6 CAPLUS

CN 7-Quinolinol, 6-methoxy-4-[[6-methyl-2-(2-thiazolyl)-3-pyridinyl]oxy]-(CA INDEX NAME)

RN 666732-77-0 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy-7-(phenylmethoxy)- (CA INDEX NAME)

RN 666732-78-1 CAPLUS

CN 7-Quinolinol, 4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy- (CA INDEX NAME)

RN 666732-80-5 CAPLUS

CN Ethanol, 2-[[4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666732-82-7 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy-7-(2-oxiranylmethoxy)- (CA INDEX NAME)

RN 666732-84-9 CAPLUS

CN 1,2-Propanediol, 3-[[4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666732-86-1 CAPLUS

CN 1,3-Propanediol, 2-[[[4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy-7-quinolinyl]oxy]methyl]- (CA INDEX NAME)

RN 666732-88-3 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7-(phenylmethoxy)- (CA INDEX NAME)

RN 666732-90-7 CAPLUS

CN 7-Quinolinol, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy- (CA INDEX NAME)

RN 666732-92-9 CAPLUS

CN Ethanol, 2-[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666732-94-1 CAPLUS

CN 1-Propanol, 3-[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666732-96-3 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7-(2-oxiranylmethoxy)- (CA INDEX NAME)

RN 666732-98-5 CAPLUS

CN 1,2-Propanediol, 3-[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666733-00-2 CAPLUS

CN 1,3-Propanediol, 2-[[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7-quinolinyl]oxy]methyl]- (CA INDEX NAME)

HO-- CH2

RN 666733-02-4 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7(phenylmethoxy)- (CA INDEX NAME)

RN 666733-04-6 CAPLUS

CN 7-Quinolinol, 4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy- (CA INDEX NAME)

RN 666733-06-8 CAPLUS

CN Ethanol, 2-[[4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666733-08-0 CAPLUS

CN 1-Propanol, 3-[[4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666733-10-4 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7-(2oxiranylmethoxy)- (CA INDEX NAME)

RN 666733-12-6 CAPLUS

CN 1,2-Propanediol, 3-[[4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666733-14-8 CAPLUS

CN 1,3-Propanedio1, 2-[[[4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7-quinolinyl]oxy]methyl]- (CA INDEX NAME)

RN 666733-97-7 CAPLUS

CN [2,3'-Bipyridin]-6'(1'H)-one, 3-[(6,7-dimethoxy-4-quinolinyl)oxy]-5,6dimethyl- (CA INDEX NAME)

RN 666733-98-8 CAPLUS

CN Quinoline, 4-[(5,5',6-trimethy1[2,2'-bipyridin]-3-y1)oxy]- (CA INDEX NAME)

RN 666733-99-9 CAPLUS

CN Quinoline, 7-chloro-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666734-00-5 CAPLUS

CN Quinoline, 7-(trifluoromethyl)-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3yl)oxy]- (CA INDEX NAME)

RN 666734-01-6 CAPLUS

- RN 666734-02-7 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[(4',5,6-trimethyl[2,3'-bipyridin]-3-yl)oxy]-(CA INDEX NAME)

- RN 666734-05-0 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(1-methyl-1H-pyrazol-4-yl)-3pyridinyl]oxy]- (CA INDEX NAME)

- RN 666734-09-4 CAPLUS
- CN Quinoline, 6-methoxy-7-(phenylmethoxy)-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

- RN 666734-10-7 CAPLUS
- CN 7-Quinolinol, 6-methoxy-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]-(CA INDEX NAME)

- RN 666734-11-8 CAPLUS
- CN 1-Butanol, 4-[[4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

- RN 666734-12-9 CAPLUS
- CN 1-Butanol, 4-[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-13-0 CAPLUS

CN Quinoline, 6-methoxy-7-(2-oxiranylmethoxy)-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666734-14-1 CAPLUS

CN 1-Propanol, 3-[[6-methoxy-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-15-2 CAPLUS

CN 1,3-Propanediol, 2-[[[6-methoxy-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]-7-quinolinyl]oxy]methyl]- (CA INDEX NAME)

HO-- CH2

RN 666734-16-3 CAPLUS

CN 1,2-Propanedio1, 3-[[6-methoxy-4-[(5,6,6'-trimethy1[2,2'-bipyridin]-3y1)oxy]-7-quinoliny1]oxy]- (CA INDEX NAME)

RN 666734-17-4 CAPLUS

CN Ethanol, 2-[[6-methoxy-4-[(5,6,6'-trimethy1[2,2'-bipyridin]-3-y1)oxy]-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-19-6 CAPLUS

CN Quinoline, 6-methoxy-7-(phenylmethoxy)-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666734-20-9 CAPLUS

RN 666734-21-0 CAPLUS

CN Quinoline, 4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]-6-methoxy-7-(phenylmethoxy)- (CA INDEX NAME)

RN 666734-22-1 CAPLUS

CN 7-Quinolinol, 4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]-6-methoxy- (CA INDEX NAME)

- RN 666734-24-3 CAPLUS
- CN Quinoline, 6-methoxy-7-(2-oxiranylmethoxy)-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

- RN 666734-25-4 CAPLUS
- CN Quinoline, 4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]-6-methoxy-7-(2-oxiranylmethoxy)- (CA INDEX NAME)

- RN 666734-26-5 CAPLUS
- CN Ethanol, 2-[[6-methoxy-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-27-6 CAPLUS

CN 1-Propanol, 3-[[6-methoxy-4-[(5,5',6-trimethy1[2,2'-bipyridin]-3-y1)oxy]-7quinoliny1]oxy]- (CA INDEX NAME)

RN 666734-28-7 CAPLUS

CN Ethanol, 2-[[4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]-6-methoxy-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-29-8 CAPLUS

CN 1-Propanol, 3-[[4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]-6-methoxy-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-30-1 CAPLUS

CN 1,2-Propanediol, 3-[[6-methoxy-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3yl)oxy]-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-31-2 CAPLUS

CN 1,2-Propanedio1, 3-[[4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3pyridinyl]oxy]-6-methoxy-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-32-3 CAPLUS

CN Quinoline, 7-(2-chloroethoxy)-6-methoxy-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666734-33-4 CAPLUS

CN Quinoline, 7-(2-chloroethoxy)-6-methoxy-4-[(5,5',6-trimethy1[2,2'-bipyridin]-3-y1)oxy]- (CA INDEX NAME)

RN 666734-35-6 CAPLUS

CN Ethanol, 2-[[2-[[6-methoxy-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]7-quinolinyl]oxy]ethyl]amino]- (CA INDEX NAME)

RN 666734-36-7 CAPLUS

CN Ethanol, 2-[[2-[[6-methoxy-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]-7-quinolinyl]oxy]ethyl]amino]- (CA INDEX NAME)

- RN 863785-08-4 CAPLUS
- CN 7-Quinolinecarboxamide, 4-[(6-ethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-(CA INDEX NAME)

- RN 863785-11-9 CAPLUS
- CN Ethanol, 2-[[4-[(6-ethyl[2,2'-bipyridin]-3-yl)oxy]-6-quinolinyl]oxy]-,
 1-acetate (CA INDEX NAME)

- RN 863785-12-0 CAPLUS

RN 863785-14-2 CAPLUS

CN 7-Quinolinecarboxamide, 6-chloro-4-[(6-ethyl[2,2'-bipyridin]-3-yl)oxy](CA INDEX NAME)

RN 863785-15-3 CAPLUS

CN 6-Quinolinol, 4-[(6-ethyl[2,2'-bipyridin]-3-yl)oxy]-, 6-acetate (CA INDEX NAME)

RN 863785-16-4 CAPLUS

CN 6-Quinolinol, 4-[(6-ethyl[2,2'-bipyridin]-3-yl)oxy]-, 6-methanesulfonate (CA INDEX NAME)

RN 863785-17-5 CAPLUS

CN Urea, N-[2-[[4-[(6-ethyl[2,2'-bipyridin]-3-yl)oxy]-6-quinolinyl]oxy]ethyl]N'-propyl- (CA INDEX NAME)

RN 863785-21-1 CAPLUS

CN 7-Quinolinecarboxamide, 4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-(phenylmethoxy)- (CA INDEX NAME)

RN 863785-22-2 CAPLUS

CN 7-Quinolinecarboxamide, 4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6hydroxy- (CA INDEX NAME)

RN 863785-26-6 CAPLUS

CN Methanesulfonamide, N-[2-[[4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]6-quinolinyl]oxy]ethyl]- (CA INDEX NAME)

RN 863785-27-7 CAPLUS

CN Ethanamine, 2-[[4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6quinolinyl]oxy]- (CA INDEX NAME)

RN 863785-30-2 CAPLUS

CN Propanoic acid, 2,2-dimethyl-, 2-[[4-[[6-ethyl-2-(2-pyrimidinyl)-3pyridinyl]oxy]-6-quinolinyl]oxy]ethyl ester (CA INDEX NAME)

RN 863785-31-3 CAPLUS

CN L-Valine, 2-[[4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6quinolinyl]oxy]ethyl ester (CA INDEX NAME)

Absolute stereochemistry.

RN 863785-33-5 CAPLUS

CN Quinoline, 6-(3-chloropropoxy)-4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

RN 863785-34-6 CAPLUS

CN Ethanol, 2-[methyl[3-[[4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6quinolinyl]oxy]propyl]amino]- (CA INDEX NAME)

- RN 863785-35-7 CAPLUS
- CN Quinoline, 4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-[3-(1-piperidinyl)propoxy]- (CA INDEX NAME)

- RN 863785-36-8 CAPLUS
- CN Quinoline, 6-(cyclobutylmethoxy)-4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

- RN 863785-37-9 CAPLUS
- CN Quinoline, 6-(2,2-dimethylpropoxy)-4-[[6-methyl-2-(2-pyrimidinyl)-3pyridinyl]oxy]- (CA INDEX NAME)

RN 863785-38-0 CAPLUS

CN Quinoline, 6-(2-cyclohexylethoxy)-4-[[6-methyl-2-(2-pyrimidinyl)-3pyridinyl]oxy]- (CA INDEX NAME)

RN 863785-39-1 CAPLUS

CN 7-Quinolinecarboxamide, 4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-(CA INDEX NAME)

RN 863785-40-4 CAPLUS

CN Quinoline, 4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-[3-[4-(2-pyridinyl)-1-piperazinyl]propoxy]- (CA INDEX NAME)

RN 863785-41-5 CAPLUS

CN Ethanol, 2-[[3-[[4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6quinolinyl]oxy]propyl]phenylamino]- (CA INDEX NAME)

RN 863785-42-6 CAPLUS

CN Quinoline, 4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-[3-[4-(phenylmethyl)-1-piperidinyl]propoxy]- (CA INDEX NAME)

RN 863785-43-7 CAPLUS

CN 1-Piperazineethanol, 4-[3-[[4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-quinolinyl]oxy]propyl]- (CA INDEX NAME)

- RN 863785-44-8 CAPLUS
- CN 1-Propanol, 3-[[4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6quinolinyl]oxy]- (CA INDEX NAME)

- RN 863785-45-9 CAPLUS
- CN Ethanamine, N-ethyl-N-methyl-2-[[4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-quinolinyl]oxy]- (CA INDEX NAME)

- RN 863785-46-0 CAPLUS
- CN Butanoic acid, 2,2-dimethyl-, 2-[[4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-quinolinyl]oxy]ethyl ester (CA INDEX NAME)

- RN 863785-47-1 CAPLUS
- CN Ethanol, 2-[[4-[[6-ethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-7-fluoro-6quinolinyl]oxy]- (CA INDEX NAME)

- RN 863785-55-1 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-[(1E)-2-phenylethenyl]-3pyridinyl]oxy]- (CA INDEX NAME)

Double bond geometry as shown.

- RN 863785-57-3 CAPLUS
- CN 1,2-Propanedio1, 3-[[6-methoxy-4-[[6-methyl-2-(2-thiazolyl)-3pyridinyl]oxy]-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 863786-64-5 CAPLUS

CN 1-Propanol, 2,2-dimethyl-3-[[4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-quinolinyl]oxy]- (CA INDEX NAME)

IT 863786-10-19, 6-Benzyloxy-4-[5,6-dimethyl-2-(pyrimidin-2-

yl)pyridin-3-yloxy]quinoline 863786-11-2P,

4-[5,6-Dimethyl-2-(pyrimidin-2-yl)pyridin-3-yloxy]quinolin-3-ol

863786-12-3P, 6-Benzyloxy-4-[6-methyl-2-(pyrimidin-2-yl)pyridin-3-

yloxy]quinoline 863786-13-4P 863786-14-5P 863786-15-6P, 6-(2-Chloroethoxy)-4-[6-methyl-2-(pyrimidin-2-

yl)pyridin-3-yloxy]quinoline

RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(preparation of pyridines and related compds. as TGF- β inhibitors for treatment of arthritis, ulcer, etc.)

RN 863786-10-1 CAPLUS

CN Quinoline, 4-[[5,6-dimethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-(phenylmethoxy)- (CA INDEX NAME)

RN 863786-11-2 CAPLUS

CN 3-Quinolinol, 4-[[5,6-dimethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

RN 863786-12-3 CAPLUS

CN Quinoline, 4-[[6-methyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6-(phenylmethoxy)- (CA INDEX NAME)

RN 863786-13-4 CAPLUS

CN Quinoline, 4-[(6-methyl[2,2'-bipyridin]-3-yl)oxy]-6-(phenylmethoxy)- (CA INDEX NAME)



RN 863786-15-6 CAPLUS

Quinoline, 6-(2-chloroethoxy)-4-[[6-methyl-2-(2-pyrimidinyl)-3pyridinyl]oxy]- (CA INDEX NAME)

OS.CITING REF COUNT: THERE ARE 4 CAPLUS RECORDS THAT CITE THIS RECORD 4 (4 CITINGS)

REFERENCE COUNT: 54 THERE ARE 54 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 2004:182845 CAPLUS Full-text

DOCUMENT NUMBER: 140:217519

TITLE: Preparation of quinoline derivatives as $TGF\beta$

inhibitors

INVENTOR(S): Shimizu, Kiyoshi; Shimizu, Toshiyuki; Kimura, Kaname; Kawakami, Kazuki; Nakoji, Masavoshi

PATENT ASSIGNEE(S): Kirin Beer Kabushiki Kaisha, Japan

SOURCE: PCT Int. Appl., 628 pp.

CODEN: PIXXD2 DOCUMENT TYPE: Patent

LANGUAGE: Japanese

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO. KIND DATE APPLICATION NO. DATE WO 2004018430 20040304 WO 2003-JP10647 20030822 A1 W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH,

```
GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR,
             LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ, OM,
             PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN,
             TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY,
             KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES,
             FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR,
             BF, BJ, CF, CG, CI, CM, GA, GN, GO, GW, ML, MR, NE, SN, TD, TG
     AU 2003257666
                         A1
                               20040311
                                           AU 2003-257666
                                                                   20030822
                                            EP 2003-792805
     EP 1548008
                         A1
                                20050629
                                                                   20030822
         R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
     CN 1688549
                                20051026
                                           CN 2003-824397
                          A
                                                                   20030822
     KR 942073
                         В1
                               20100212
                                            KR 2005-702997
                                                                   20030822
     US 20060111375
                         A1
                               20060525
                                           US 2005-525087
     US 7560558
                          B2
                               20090714
     US 20090312313
                         A1
                               20091217
                                           US 2009-471520
                                                                   20090526
PRIORITY APPLN. INFO.:
                                            JP 2002-244028
                                                                A 20020823
                                            WO 2003-JP10647
                                                                W 20030822
                                            US 2005-525087
                                                                A3 20050223
```

ASSIGNMENT HISTORY FOR US PATENT AVAILABLE IN LSUS DISPLAY FORMAT OTHER SOURCE(S): MARPAT 140:217519

RN

AB The title compds. I [wherein X = CH on N; Z = O, NH, S, or CO; R and R' = independently H, halo, (un)substituted alkyl, alkenyl, NH2, CONH2, OH, or heterocyclyl; A = (un)substituted Ph or (hetero(cyclyl) or pharmaceutically acceptable salts, or solvates thereof are prepared as transforming growth factor (TGF) β inhibitors. For example, 4-chloro-6,7-dimethoxyquinoline was reacted with 2-benzylphenol in 1,2-dichlorobenzene to give 4-(2-benzylphenoxy)-6,7-dimethoxyquinoline (10%). Some of compds. I inhibited 100% of human TGF8 at 10 uM.

```
666731-33-5P
             666731-34-6P
                            666731-35-7P
666731-36-8P
              666732-72-5P
                            666732-73-6P
666732-77-0P 666732-79-1P
                            666732-82-7P
666732-88-3P 666732-90-7P
                            666732-96-3P
666733-02-4P 666733-04-6P
                            666733-10-4P
666734-01-6P 666734-09-4P
                            666734-10-7P
666734-13-0P 666734-19-6P
                            666734-20-9P
666734-21-0P
              666734-22-1P
                            666734-24-3P
666734-25-4P 666734-32-3P
                            666734-33-4P
RL: PAC (Pharmacological activity); RCT (Reactant); SPN (Synthetic
preparation); THU (Therapeutic use); BIOL (Biological study); PREP
(Preparation); RACT (Reactant or reagent); USES (Uses)
```

(drug candidate; preparation of quinoline derivs. as TGF β inhibitors) 666731-33-5 CAPLUS

CN 2-Pyridinemethanol, 3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl- α -phenyl- (CA INDEX NAME)

- RN 666731-34-6 CAPLUS
- CN 2-Pyridinemethanol, 3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl- α -phenyl-, 2-acetate (CA INDEX NAME)

- RN 666731-35-7 CAPLUS
- CN 2-Pyridinemethanol, 3-[(6,7-dimethoxy-4-quinolinyl)oxy]-6-methyl- α -(6-methyl-2-pyridinyl)-, acetate (ester) (9CI) (CA INDEX NAME)

- RN 666731-36-8 CAPLUS
- CN Methanone, [3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2pyridiny1]pheny1- (CA INDEX NAME)

RN 666732-72-5 CAPLUS

CN Quinoline, 6-methoxy-4-[[6-methy1-2-(2-thiazoly1)-3-pyridiny1]oxy]-7(phenylmethoxy)- (CA INDEX NAME)

RN 666732-73-6 CAPLUS

RN 666732-77-0 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy-7(phenylmethoxy)- (CA INDEX NAME)

RN 666732-78-1 CAPLUS

CN 7-Quinolinol, 4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy- (CA INDEX NAME)

RN 666732-82-7 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy-7-(2oxiranylmethoxy)- (CA INDEX NAME)

$$\begin{array}{c} \overset{\circ}{\underset{\text{MeO}}{\bigcap}} \text{CH}_2\text{--} \overset{\circ}{\underset{\text{MeO}}{\bigcap}} \overset{\circ}{\underset{\text{Ph}}{\bigcap}} \\ \text{Ph} & & \\ & \\ & \\ & \\ & \\ & & \\ &$$

RN 666732-88-3 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7(phenylmethoxy)- (CA INDEX NAME)

RN 666732-90-7 CAPLUS

CN 7-Quinolinol, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy- (CA INDEX NAME)

RN 666732-96-3 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7-(2oxiranylmethoxy)- (CA INDEX NAME)

RN 666733-02-4 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7(phenylmethoxy)- (CA INDEX NAME)

RN 666733-04-6 CAPLUS

CN 7-Quinolinol, 4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy- (CA INDEX NAME)

RN 666733-10-4 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7-(2oxiranylmethoxy)- (CA INDEX NAME)

RN 666734-01-6 CAPLUS

RN 666734-09-4 CAPLUS

CN Quinoline, 6-methoxy-7-(phenylmethoxy)-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666734-10-7 CAPLUS

RN 666734-13-0 CAPLUS

CN Quinoline, 6-methoxy-7-(2-oxiranylmethoxy)-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666734-19-6 CAPLUS

CN Quinoline, 6-methoxy-7-(phenylmethoxy)-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666734-20-9 CAPLUS

RN 666734-21-0 CAPLUS

CN Quinoline, 4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]-6-methoxy-7-(phenylmethoxy)- (CA INDEX NAME)

RN 666734-22-1 CAPLUS

CN 7-Quinolinol, 4-[(2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl)oxyl-6-methoxy- (CA INDEX NAME)

RN 666734-24-3 CAPLUS

CN Quinoline, 6-methoxy-7-(2-oxiranylmethoxy)-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666734-25-4 CAPLUS

CN Quinoline, 4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]-6-methoxy-7-(2-oxiranylmethoxy)- (CA INDEX NAME)

RN 666734-32-3 CAPLUS

CN Quinoline, 7-(2-chloroethoxy)-6-methoxy-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666734-33-4 CAPLUS

CN Quinoline, 7-(2-chloroethoxy)-6-methoxy-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

```
666730-33-2P
ΙT
                 666731-18-6P
                                666731-25-5P
    666731-28-8P 666731-29-9P
                                 666731-30-2P
    666731-31-3P
                 666731-32-4P
                                 666731-37-9P
    666731-39-1P
                  666/31-40-4P
                                 666731-41-5P
    666731-42-6P
                 666/31-43-7P
                                 666731-44-8P
    666731-45-9P
                  666731-46-0P
                                 666731-47-1P
    666731-48-2P
                  666731-49-3P
                                 666731-50-6P
    666731-51-7P
                 666731-52-8P
                                666731-53-9P
    666731-54-0P 666731-55-1P
                                666731-56-2P
```

```
666731-57-3P
             666731-58-4P
                            666731-59-5P
666731-60-8P 566731-61-9P
                            666731-62-0P
666731-63-1P 666731-64-2P
                            666731-65-3P
666731-66-4P
             666731-67-5P
                            666731-68-6P
             666731-70-0P
                            666731-71-1P
666731-69-7E
666731-72-2P
              666731-73-3P
                            666731-74-4P
666731-75-5P
             666731-76-6P
                            666731-77-7P
666731-78-3P
             666731-79-9P
                            666731-80-2P
666731-81-3P
             666731-82-4P
                            666731-83-5P
666731-84-6P 666731-85-7P
                            666731-86-8P
666731-87-9P 666731-88-0P
                            666731-89-1P
             666732-75-8P
                            666732-80-5P
666731-90-4P
666732-84-9P
             666732-86-1P
                            666732-92-9P
666732-94-1P
             666732-98-5P
                            666733-00-2P
666733-06-8P 666733-08-0P
                            666733-12-6P
666733-14-8P 666733-96-6P
                            666733-97-7P
666733-98-8P 666733-99-9P
                            666734-00-5P
                            666734-11-8P
666734-02-7P
             666734-05-0P
666734-12-9P
             666734-14-1P
                            666734-15-2P
666734-16-3P
             666734-17-4P
                            666734-26-5P
666734-27-6P
             666734-28-7P
                            666734-29-8P
666734-30-1P
             666734-31-2P 666734-35-6P
666734-36-7P
```

RL: PAC (Pharmacological activity); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses)

(drug candidate; preparation of quinoline derivs. as TGF β inhibitors) 666730-33-2 CAPLUS

CN Ethanone, 1-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2-pyridiny1](CA INDEX NAME)

RN

RN 666731-18-6 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[(2-methyl-3-pyridinyl)oxy]- (CA INDEX NAME)

RN 666731-25-5 CAPLUS

CN Quinoline, 4-[(2,6-dimethyl-3-pyridinyl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666731-28-8 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-[2-(trimethylsily1)ethynyl]-3pyridinyl]oxy]- (CA INDEX NAME)

RN 666731-29-9 CAPLUS

CN 2-Pyridinecarbonitrile, 3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl- (CA INDEX NAME)

RN 666731-30-2 CAPLUS

- RN 666731-31-3 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-[(6-methyl-2-pyridinyl)methyl]-3pyridinyl]oxy]- (CA INDEX NAME)

- RN 666731-32-4 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(2-phenylethenyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

- RN 666731-37-9 CAPLUS
- CN Methanone, [3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2-pyridinyl](6-methyl-2-pyridinyl)- (CA INDEX NAME)

RN 666731-39-1 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[(6-methyl-2-phenyl-3-pyridinyl)oxy]- (CA INDEX NAME)

RN 666731-40-4 CAPLUS

RN 666731-41-5 CAPLUS

CN Ethanone, 1-[2-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2pyridiny1]pheny1]- (CA INDEX NAME)

RN 666731-42-6 CAPLUS

CN Phenol, 2-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2-pyridiny1]- (CA INDEX NAME)

RN 666731-43-7 CAPLUS

RN 666731-44-8 CAPLUS

CN Quinoline, 4-[[2-(2-chloropheny1)-6-methyl-3-pyridiny1]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-45-9 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(3-methylphenyl)-3-pyridinyl]oxy]-(CA INDEX NAME)

RN 666731-46-0 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-[3-(trifluoromethyl)phenyl]-3pyridinyl]oxy]- (CA INDEX NAME)

RN 666731-47-1 CAPLUS

CN Benzenemethanol, 3-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2pyridinyl]- (CA INDEX NAME)

RN 666731-48-2 CAPLUS

CN Ethanone, 1-[3-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2pyridiny1]pheny1]- (CA INDEX NAME)

RN 666731-49-3 CAPLUS

RN 666731-50-6 CAPLUS

RN 666731-51-7 CAPLUS

RN 666731-52-8 CAPLUS

CN Acetamide, N-[3-[3-[(6,7-dimethoxy-4-quinolinyl)oxy]-6-methyl-2pyridinyl]phenyl]- (CA INDEX NAME)

RN 666731-53-9 CAPLUS

CN Phenol, 3-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2-pyridinyl]- (CA INDEX NAME)

RN 666731-54-0 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[2-(3-methoxyphenyl)-6-methyl-3-pyridinyl]oxy]-(CA INDEX NAME)

RN 666731-55-1 CAPLUS

CN Quinoline, 4-[[2-(3-ethoxypheny1)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-56-2 CAPLUS

CN Quinoline, 4-[[2-(3-fluoropheny1)-6-methyl-3-pyridiny1]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-57-3 CAPLUS

CN Quinoline, 4-[[2-(3-chloropheny1)-6-methyl-3-pyridiny1]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-58-4 CAPLUS

RN 666731-59-5 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-[4-(1-methylethyl)phenyl]-3pyridinyl]oxy]- (CA INDEX NAME)

- RN 666731-60-8 CAPLUS
- CN Quinoline, 4-[[2-(4-butylphenyl)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy-(CA INDEX NAME)

- RN 666731-61-9 CAPLUS
- CN Benzenemethanol, 4-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2pyridinyl]- (CA INDEX NAME)

- RN 666731-62-0 CAPLUS
- CN Ethanone, 1-[4-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methy1-2pyridiny1]pheny1]- (CA INDEX NAME)

RN 666731-63-1 CAPLUS

CN Benzenamine, 4-[3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-2-pyridiny1]-N,N-dimethyl- (CA INDEX NAME)

RN 666731-64-2 CAPLUS

RN 666731-65-3 CAPLUS

RN 666731-66-4 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(4-phenoxyphenyl)-3-pyridinyl]oxy]-(CA INDEX NAME)

RN 666731-67-5 CAPLUS

CN Quinoline, 4-[[2-(4-fluorophenyl)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy-(CA INDEX NAME)

RN 666731-68-6 CAPLUS

CN Quinoline, 4-[[2-(4-chloropheny1)-6-methyl-3-pyridiny1]oxy]-6,7-dimethoxy-(CA INDEX NAME)

- RN 666731-69-7 CAPLUS
- CN Quinoline, 4-[[2-(2,6-dichlorophenyl)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy- (CA INDEX NAME)

- RN 666731-70-0 CAPLUS
- CN Quinoline, 4-[[2-(3,5-difluorophenyl)-6-methyl-3-pyridinyl]oxy]-6,7dimethoxy- (CA INDEX NAME)

- RN 666731-71-1 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(3-thienyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

- RN 666731-72-2 CAPLUS
- CN Quinoline, 4-[[2-(1,5-dimethyl-1H-pyrazol-3-yl)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy- (CA INDEX NAME)

- RN 666731-73-3 CAPLUS
- CN Quinoline, 4-[[2-(1,3-dimethyl-1H-pyrazol-5-yl)-6-methyl-3-pyridinyl]oxy]-6,7-dimethoxy- (CA INDEX NAME)

- RN 666731-74-4 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(3-methyl-5-isoxazolyl)-3-pyridinyl]oxy]- (CA INDEX NAME)

RN 666731-75-5 CAPLUS

RN 666731-76-6 CAPLUS

CN Quinoline, 4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]6,7-dimethoxy- (CA INDEX NAME)

RN 666731-77-7 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[(6-methyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666731-78-8 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[(6-methyl[2,3'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666731-79-9 CAPLUS

RN 666731-80-2 CAPLUS

CN Quinoline, 4-[(6,6'-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666731-81-3 CAPLUS

RN 666731-82-4 CAPLUS

RN 666731-83-5 CAPLUS

RN 666731-84-6 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666731-85-7 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666731-86-8 CAPLUS

CN Quinoline, 4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666731-87-9 CAPLUS

CN Quinoline, 6,7-dimethoxy-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]-(CA INDEX NAME)

RN 666731-88-0 CAPLUS

RN 666731-89-1 CAPLUS

RN 666731-90-4 CAPLUS

CN Quinoline, 4-[[5,6-dimethyl-2-(2-pyrimidinyl)-3-pyridinyl]oxy]-6,7-dimethoxy- (CA INDEX NAME)

RN 666732-75-8 CAPLUS

CN 1,3-Propanediol, 2-[[[6-methoxy-4-[[6-methyl-2-(2-thiazolyl)-3pyridinyl]oxy]-7-quinolinyl]oxy]methyl]- (CA INDEX NAME)

RN 666732-80-5 CAPLUS

CN Ethanol, 2-[[4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666732-84-9 CAPLUS

CN 1,2-Propanediol, 3-[[4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666732-86-1 CAPLUS

CN 1,3-Propanediol, 2-[[[4-[(5,6-dimethyl-2-phenyl-3-pyridinyl)oxy]-6-methoxy-7-quinolinyl]oxy]methyl]- (CA INDEX NAME)

RN 666732-92-9 CAPLUS

CN Ethanol, 2-[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666732-94-1 CAPLUS

CN 1-Propanol, 3-[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666732-98-5 CAPLUS

CN 1,2-Propanediol, 3-[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-y1)oxy]-6-methoxy-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666733-00-2 CAPLUS

CN 1,3-Propanediol, 2-[[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-yl)oxy]-6-methoxy-7-quinolinyl]oxy]methyl]- (CA INDEX NAME)

HO-- CH2

RN 666733-06-8 CAPLUS

CN Ethanol, 2-[[4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666733-08-0 CAPLUS

CN 1-Propanol, 3-[[4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666733-12-6 CAPLUS

CN 1,2-Propanedio1, 3-[[4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7-quinolinyl]oxy]- (CA INDEX NAME)

- RN 666733-14-8 CAPLUS
- CN 1,3-Propanedio1, 2-[[[4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7-quinolinyl]oxy]methyl]- (CA INDEX NAME)

- RN 666733-96-6 CAPLUS

- RN 666733-97-7 CAPLUS
- CN [2,3'-Bipyridin]-6'(1'H)-one, 3-[(6,7-dimethoxy-4-quinoliny1)oxy]-5,6dimethy1- (CA INDEX NAME)

RN 666733-98-8 CAPLUS

CN Quinoline, 4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666733-99-9 CAPLUS

CN Quinoline, 7-chloro-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

RN 666734-00-5 CAPLUS

CN Quinoline, 7-(trifluoromethyl)-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3-yl)oxy]- (CA INDEX NAME)

- RN 666734-02-7 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[(4',5,6-trimethyl[2,3'-bipyridin]-3-yl)oxy]-(CA INDEX NAME)

- RN 666734-05-0 CAPLUS
- CN Quinoline, 6,7-dimethoxy-4-[[6-methyl-2-(1-methyl-1H-pyrazol-4-yl)-3pyridinyl]oxy]- (CA INDEX NAME)

- RN 666734-11-8 CAPLUS
- CN 1-Butanol, 4-[[4-[(5,6-dimethyl[2,3'-bipyridin]-3-yl)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

- RN 666734-12-9 CAPLUS
- CN 1-Butanol, 4-[[4-[(5,6-dimethyl[2,2'-bipyridin]-3-y1)oxy]-6-methoxy-7quinolinyl]oxy]- (CA INDEX NAME)

- RN 666734-14-1 CAPLUS
- CN 1-Propanol, 3-[[6-methoxy-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]-7quinolinyl]oxy]- (CA INDEX NAME)

- RN 666734-15-2 CAPLUS
- CN 1,3-Propanediol, 2-[[[6-methoxy-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]-7-quinolinyl]oxy]methyl]- (CA INDEX NAME)

HO-- CH2

RN 666734-16-3 CAPLUS

CN 1,2-Propanedio1, 3-[[6-methoxy-4-[(5,6,6'-trimethy1[2,2'-bipyridin]-3y1)oxy]-7-quinoliny1]oxy]- (CA INDEX NAME)

RN 666734-17-4 CAPLUS

CN Ethanol, 2-[[6-methoxy-4-[(5,6,6'-trimethyl[2,2'-bipyridin]-3-yl)oxy]-7quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-26-5 CAPLUS

CN Ethanol, 2-[[6-methoxy-4-[(5,5',6-trimethy1[2,2'-bipyridin]-3-y1)oxy]-7quinoliny1]oxy]- (CA INDEX NAME)

RN 666734-27-6 CAPLUS

CN 1-Propanol, 3-[[6-methoxy-4-[(5,5',6-trimethy1[2,2'-bipyridin]-3-y1)oxy]-7quinoliny1]oxy]- (CA INDEX NAME)

RN 666734-28-7 CAPLUS

CN Ethanol, 2-[[4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]-6-methoxy-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-29-8 CAPLUS

CN 1-Propanol, 3-[[4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3-pyridinyl]oxy]-6-methoxy-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-30-1 CAPLUS

CN 1,2-Propanediol, 3-[[6-methoxy-4-[(5,5',6-trimethyl[2,2'-bipyridin]-3yl)oxy]-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-31-2 CAPLUS

CN 1,2-Propanedio1, 3-[[4-[[2-(4,5-dimethyl-2-thiazolyl)-5,6-dimethyl-3pyridinyl]oxy]-6-methoxy-7-quinolinyl]oxy]- (CA INDEX NAME)

RN 666734-35-6 CAPLUS

CN Ethanol, 2-[[2-[[6-methoxy-4-[(5,6,6'-trimethy1[2,2'-bipyridin]-3-y1)oxy]-7-quinoliny1]oxy]ethy1]amino]- (CA INDEX NAME)

RN 666734-36-7 CAPLUS

CN Ethanol, 2-[[2-[[6-methoxy-4-[(5,5',6-trimethy1[2,2'-bipyridin]-3-y1)oxy]7-quinoliny1]oxy]ethy1]amino]- (CA INDEX NAME)

IT 666734-50-5P 666734-63-0P

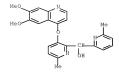
RL: RCT (Reactant); SPN (Synthetic preparation); PREP (Preparation); RACT (Reactant or reagent)

(intermediate; preparation of quinoline derivs. as TGF $\!\beta$ inhibitors) RN $\,$ 666734-50-5 CAPLUS

CN 2-Pyridinecarboxaldehyde, 3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl-(CA INDEX NAME)

RN 666734-63-0 CAPLUS

CN 2-Pyridinemethanol, 3-[(6,7-dimethoxy-4-quinoliny1)oxy]-6-methyl- α -(6-methyl-2-pyridiny1)- (9CI) (CA INDEX NAME)



OS.CITING REF COUNT: THERE ARE 6 CAPLUS RECORDS THAT CITE THIS RECORD

(8 CITINGS)

REFERENCE COUNT: 50 THERE ARE 50 CITED REFERENCES AVAILABLE FOR THIS RECORD, ALL CITATIONS AVAILABLE IN THE RE FORMAT

L4 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2010 ACS on STN ACCESSION NUMBER: 1997:385652 CAPLUS Full-text 127:5020

DOCUMENT NUMBER:

ORIGINAL REFERENCE NO.: 127:1141a,1144a

TITLE: Preparation of quinolines as H+-ATPases inhibitors Oku, Teruo; Kawai, Yoshio; Satoh, Shigeki; Yamazaki, INVENTOR(S):

Hitoshi; Kayakiri, Natsuko; Urano, Yasuharu; Yoshihara, Kousei; Yoshida, Noriko

PATENT ASSIGNEE(S): Fujisawa Pharmaceutical Co., Ltd., Japan

SOURCE: PCT Int. Appl., 308 pp.

CODEN: PIXXD2 Patent DOCUMENT TYPE:

LANGUAGE: English FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PAT	ENT NO	٥.			KIND)	DATE			APF	LICA	OITA	N N	ю.		Ι	ATE		
WO	971468	 31			A1	•	1997	0424		wo	1996	 5-JP	298	 31			9961	015	
	W: A								FR.	GE	R. GF	я. т	E.	TT.	LII.	MC.	NI	PT.	SE
	967228	38			Α		1997	0507	·	AU	1996	5-72	288	3		1	9961	015	-
	876345						1998: 2004:			EP	1996	5-93	364	17		1	.9961	015	
	R: 1	AT, E		CH,	DE,	DK,	ES,	FR,											FΙ
	273958							1207 0915			1996						.9961 .9961		
	600823							1228			1998					-	.9980		
RIORITY	APPL	4. II	FO.	:													9951		
																	.9961		
SIGNME									E I	N I	SUS	DIS	PLA	Y F	ORMA	T			

ASS OTHER SOURCE(S): MARPAT 127:5020

GΙ

PR

^{*} STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT *

- AB The title compds. [I, Rl = (un)substituted heterocyclic or aryl group; A = CONH, NHCO; n = 0-1; Y = II, III (wherein R2-R4 = H, halo, lower alkyl, etc.; X1 = 0, S, NH); Z together with N = IV, V, VI, etc. (wherein R5 = H, lower alkyl; R6 = H, halo, lower alkyl, etc.; R7 = H, lower alkyl; R6 = H, halo, lower alkyl, etc.; R7 = H, lower alkyl, a heterocyclic group, etc.)] and their pharmaceutically acceptable salte, useful for the prevention and/or the treatment of bone diseases caused by abnormal bone metabolism in human beings or animals, were prepared Thus, treatment of 8-(2,6-dichlorobenzoylamino)-3-cyano-4-methylquinoline with NBS in the presence of 2,2'-azobis(isobutyronitrile) in Cl(CH2)2Cl and CCl4 followed by reaction of the resulting 4-bromomethyl-8-(2,6-dichlorobenzoylamino)-3-cyanoquinoline with imidazole in Cl(CH2)2Cl, and treatment of the free base with 10% HCl/MeOH afforded VII.HCl which showed 100% inhibition of FTH-induced bone resorption.
 - T 199137-11-2P 199137-14-5P RL: BAC (Biological activity or effector, except adverse); BSU (Biological study, unclassified); SPN (Synthetic preparation); THU (Therapeutic use); BIOL (Biological study); PREP (Preparation); USES (Uses) (preparation of guinolines as Ht-ATPases)
- RN 190137-11-2 CAPLUS
 CN Benzamide, 2,6-dichloro-N-[3-methyl-4-[(2-methyl-3-pyridinyl)oxy]-8quinolinyl]- (CA INDEX NAME)

- RN 190137-14-5 CAPLUS
- CN Benzamide, 2,6-dichloro-N-[4-[[2-[(dimethylamino)methyl]-3-pyridinyl]oxy]-3-methyl-8-quinolinyl]- (CA INDEX NAME)

OS.CITING REF COUNT: 22 THERE ARE 22 CAPLUS RECORDS THAT CITE THIS RECORD (29 CITINGS)

REFERENCE COUNT: 3 THERE ARE 3 CITED REFERENCES AVAILABLE FOR THIS RECORD. ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> log off ALL L# QUERIES AND ANSWER SETS ARE DELETED AT LOGOFF LOGOFF? (Y)/N/HOLD:y STN INTERNATIONAL LOGOFF AT 13:26:41 ON 25 FEB 2010